Enterprise Geospatial Portal - EGP

National Interagency Fire Center – Boise, ID

Fire & Aviation Management
Information Technology – FAM IT

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Objectives

- What is the EGP (Enterprise Geospatial Portal)?
- How does EGP work?
- What can EGP do for you?
- Where is EGP headed in the future?
- Where do I go for help?
- How do I get a profile?

All wildland fires start at the local level. 97-98% of fires are controlled within the first burning period. The 2-3% that escape are the fires that become large, expensive, and potentially devastating fires.

Regardless of who we are and for whom we work…

- Wildland fire ignores all boundaries:
- Incident Management Teams and Agency Administrators need:
  - Organized & Continuous information
  - Shared information across Incident Command:
    - Ops
    - Plans
    - Logistics
    - Finance

- Work began in 2009

- Goal: to improve the distribution, display, and analysis of geospatial information to support the wildland fire management decision-making process

- Provides geospatial data capabilities between existing fire applications

- EGP shares standardized fire information:
  - Enterprise-wide access to spatial and operations/logistics data
  - Business Intelligence and Analytics
  - Active Situational Awareness Tools

Enterprise Geospatial Portal - EGP

https://egp.nwcg.gov

Enterprise Geospatial Portal - EGP

Wildland Fire Decision Support System

GEOMAC WILDLAND FIRE SUPPORT

ROSS

ICS 209
(Incident Level)

FIMT

Incident Mgt Sit Report
(National Level)

PREDICTIVE SERVICES

iRWIn
Integrated Reporting of Wildland-Fire Information

EGP Portal

NATIONAL INTERAGENCY
FIRE ENTERPRISE GEOSPATIAL PORTAL

FIRE EGP HOME   ABOUT EGP   NIFC HOME   CONTACT US

NATIONAL INTERAGENCY FIRE CENTER
Boise, Idaho

Fire EGP Viewers & Data
Fire Globe
Situation Analyst
RisC
AFUE Report Tool
User Management
Data

Fire EGP Information
Related Links
News & Updates
Contact Us

Logged in as JILL.KUENZI Logout

Password Help
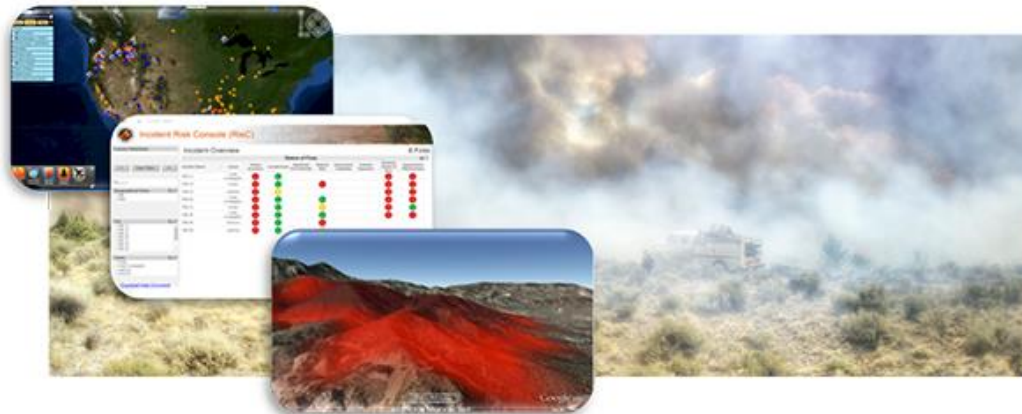
Welcome to Fire EGP!

The Fire EGP provides standardized geospatial information for the full range of wildfire activities ranging from response to planning. The Fire EGP leverages a central source of spatial data for mapping, decision support, business intelligence, and situational awareness. Access to this data is provided through multiple 'windows' to support a variety of uses: the Fire Globe (Google Earth), SituationAnalyst, the Incident Risk Console (RisC), and a GIS data repository. We welcome you to register for a log-in to further explore Fire EGP and choose which services/viewers are right for your wildland fire mission needs.

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Desktop Clients
(Secure)

Mobile Clients
(Secure)

Enterprise Geospatial Portal - EGP

Components within the EGP:

- Fire Globe
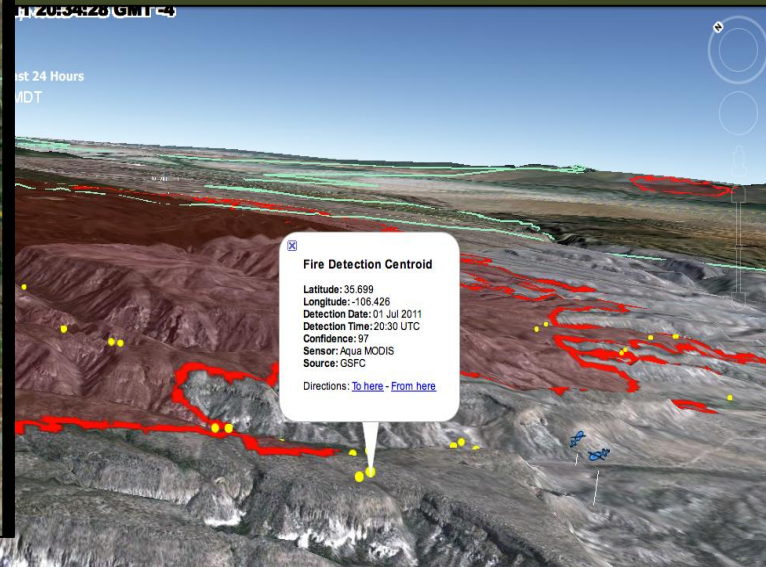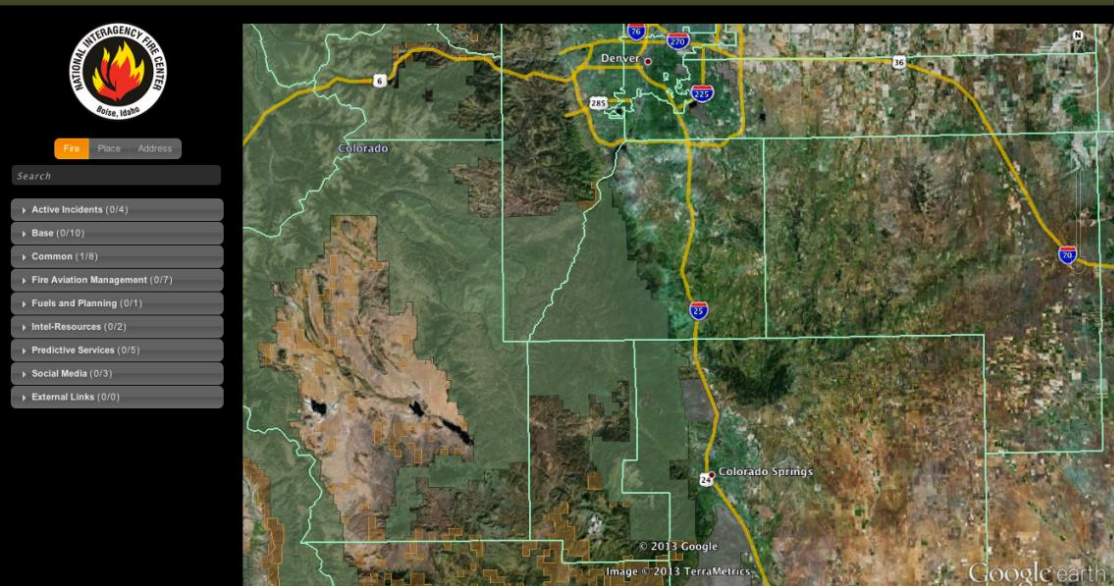   - Authoritative Fire Data + 3D Visualization

- Situation Analyst Viewer/
  Geospatial Dashboard & Analysis Tool (GDAT)
    - Authoritative Fire Data + Analytics
    - Business analytics

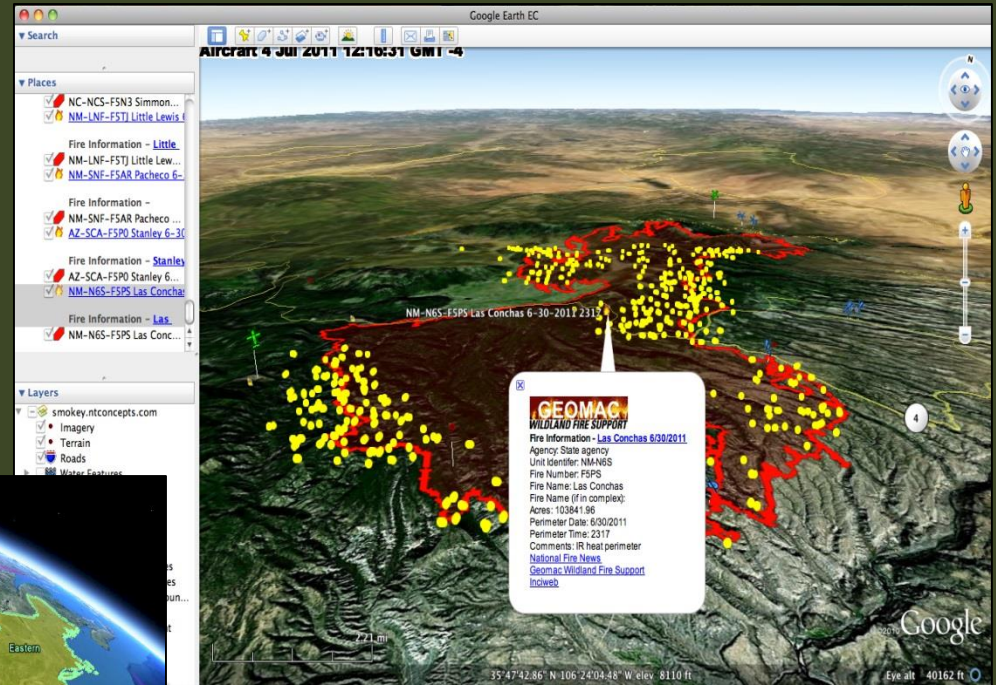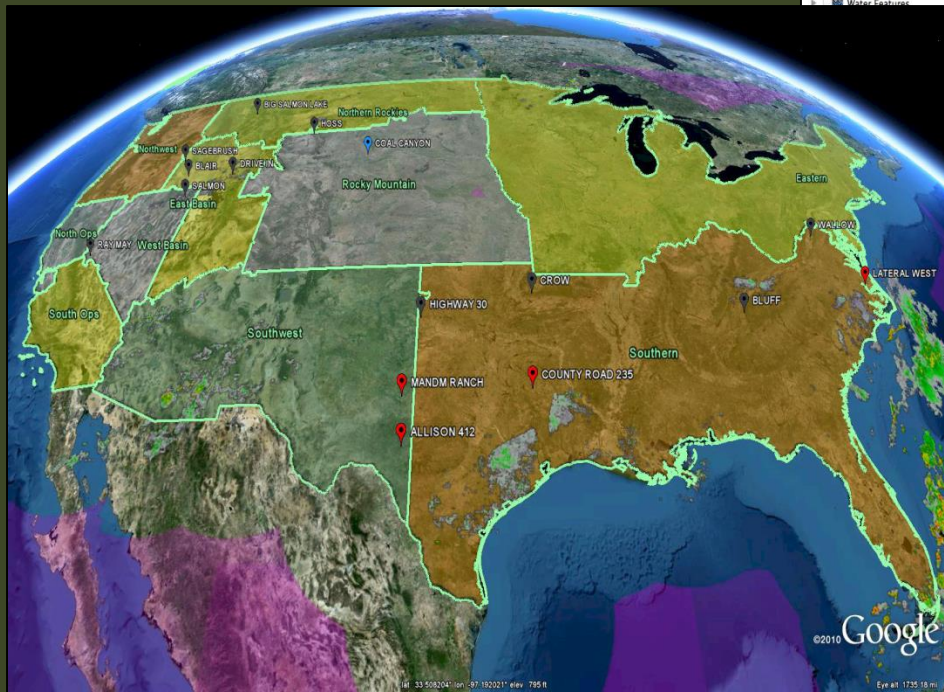- Data – Google Maps Engine
    - Authoritative Fire Data

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EGP - Fire Globe

- Provides situational awareness
- 3D viewing of EGP data
- Easy visualization of authoritative fire data
- Supports web clients - no license required

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EGP Fire Globe

- Uses Google Earth

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EGP - Situation Analyst (SA) Viewer

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EGP - Situation Analyst (SA) Viewer

- Data taken directly from fire applications every 30 seconds to 10 minutes
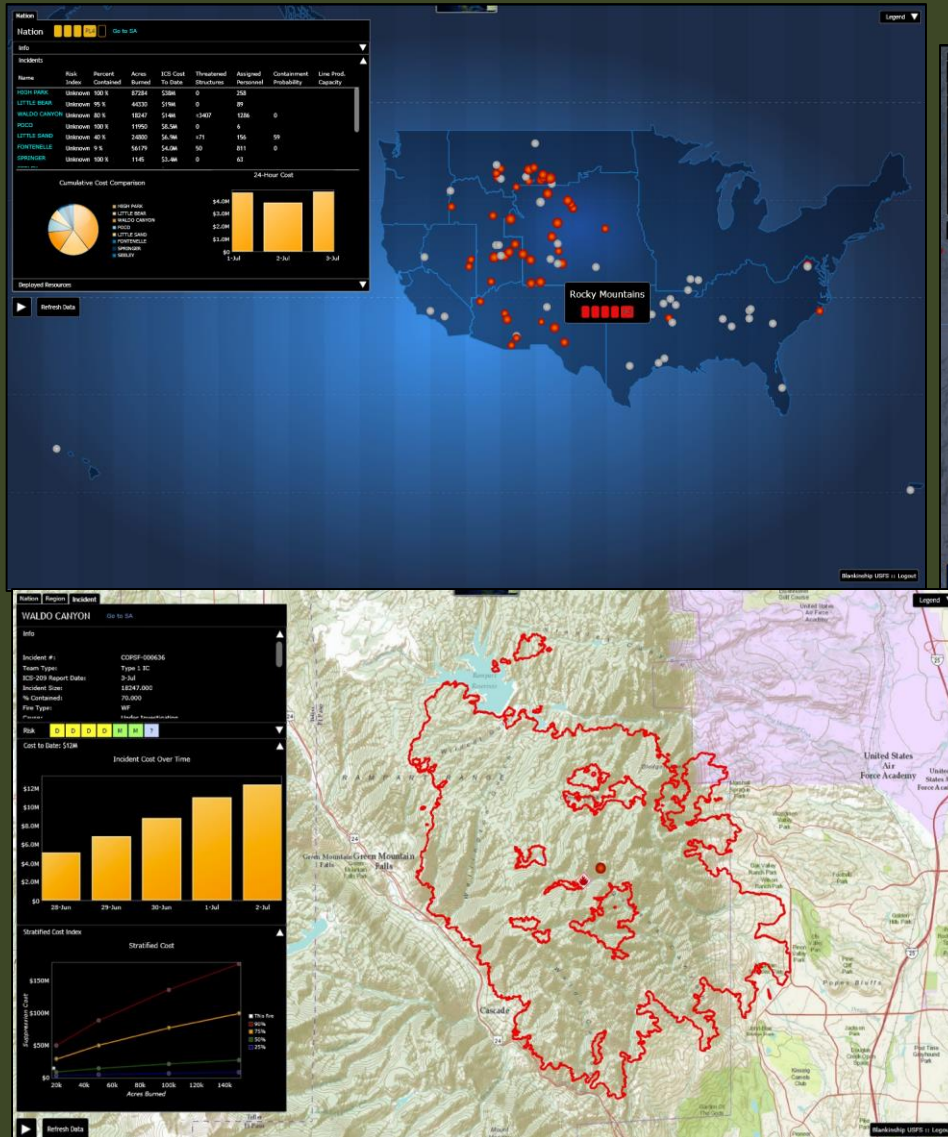- Workflows driven by user type and roles
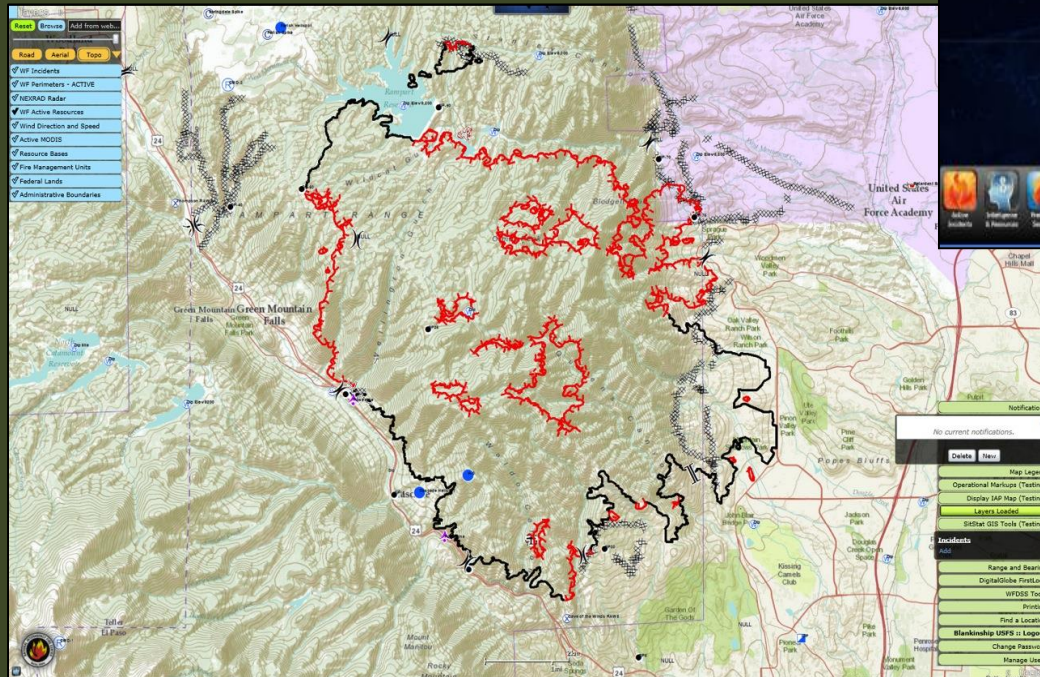
- Workflow specific content for users
- Relevant tactical view for each user
- 'Right now' information straight from the incident

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EGP – GDAT (Command View)

- National/Regional Level:
  - Policy and resource allocation information for fires across the United States
- Incident Level:
  - Provides understanding of any fire of National or Regional significance and early information on emerging events

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GDAT– Geospatial Dashboard & Analysis Tool

Also known as the "Command View"

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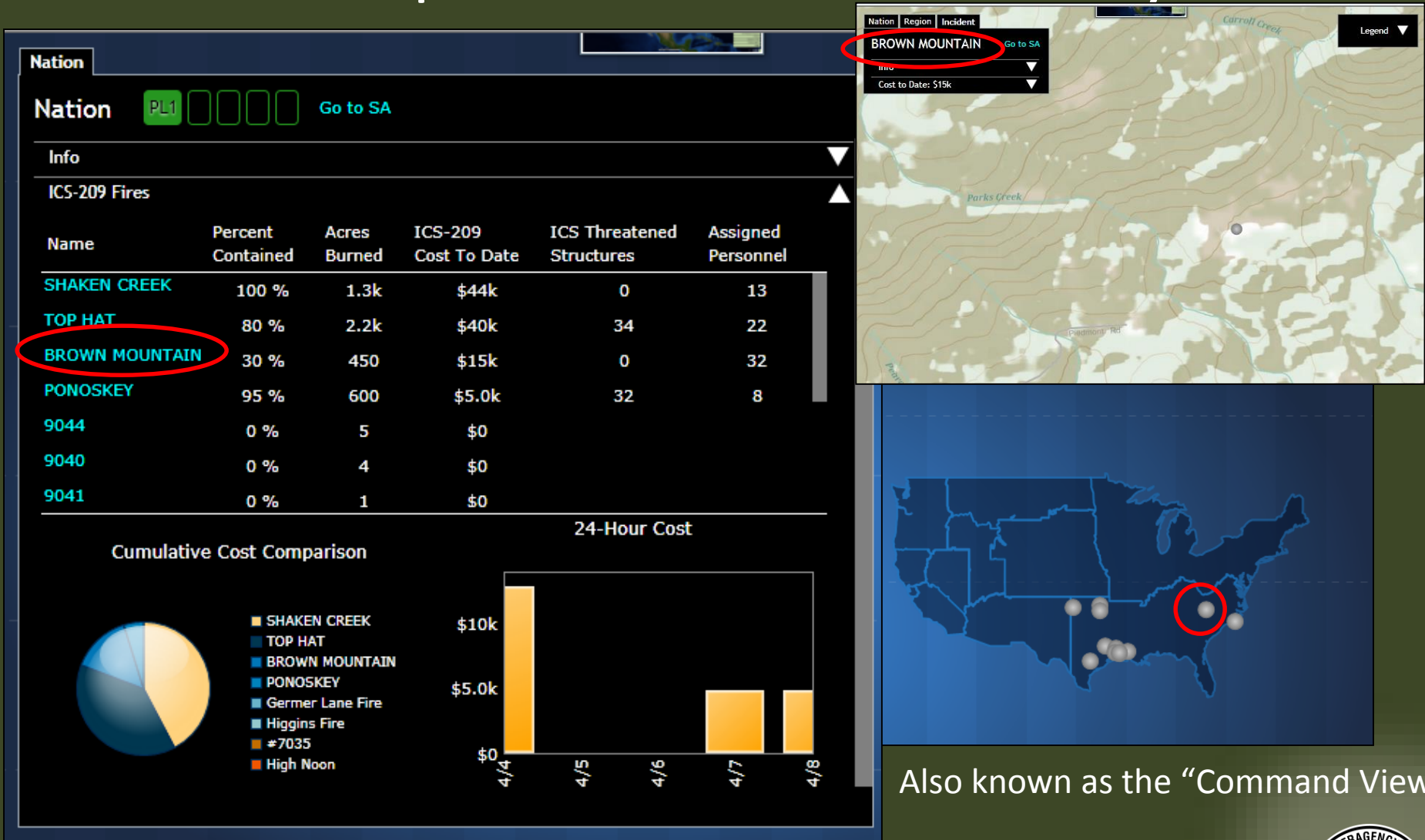
EGP - Fire EGP Data

- 40+ data layers currently in use
- More data sources being added all the time
- Both static and dynamic data included
- Data grouped into categories

Data

The following data layers and services are available for use in Fire EGP. These layers are available in both Situation Analyst and Fire Globe for viewing and use by Fire EGP Users. he comprehensive list below provides a brief description of each data layer. For more information about data content in Fire EGP, please Contact Us.

View State	Layer Name	Type	Description	Source
Active Incidents	Active Fire Perimeters	line	Displays the current boundaries of active fires.	United States Geological Survey (GeoMac)
Active Incidents	InciWeb	point	Displays data from InciWeb, an interagency all-risk incident information management system that provides the public a single source of incident related information and provides a standardized reporting tool for the Public Affairs community	InciWeb (multi-agency)
Active Incidents	MODIS Fire Detection (also known as AVHRR)	point	Space borne sensor that displays thermal and cloud cover data	United States Forest Service Remote Sensing Application Center
Active Incidents	NEXRAD Radar	raster	Next generation radar (wsr-88d) displays precipitation and wind	NOAA/NWS/Mesonets
Active Incidents, Aviation	ROSS 209	point	Displays all of the active fires that NIFC is responding to	United States Forest Service/Department of Interior
Active Incidents, Natural Hazards	NIFC Incidents	point	Displays all of the active fires that NIFC is responding to	National Wildfire Coordinating Group (NWCG)

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EGP – Mobile

- EGP supports disconnected field environments through Google Earth Portable

- Future capability to collect and sync content from field to EGP through FIMT and ESRI Collector.

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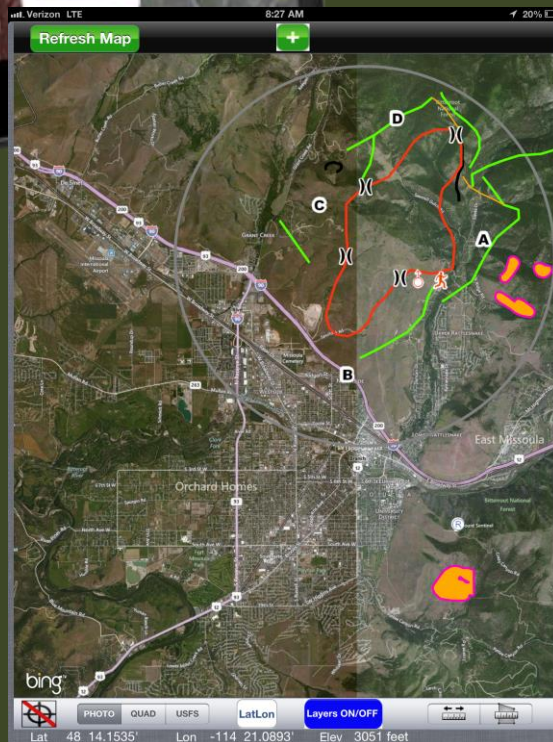
EGP – How do you access EGP?

EGP Compatible Viewers

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EGP - Moving Forward

EGP Tasks for FY 2015:
- Integration with IRWIN

- Planned Integration with Fire Incident Mapping Tool (FIMT) – June

- Search and analysis tools

- Broader support for iOS and Android devices

- Public Facing web services and maps

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Boise, Idaho

EGP – Getting a Profile?

1. Go online to *https://egp.nwcg.gov* and click on "Register New User"

2. Depending on workload, we typically can create profiles within a couple of days
3. The user will receive 2 emails
   a. Email from person who created your profile
   b. Email from the system (*eqp@firenet.gov*), with your login and password information.

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EGP – Need help or have questions?

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